**Catholic High School (Primary)**
**Primary 3 Science 2022**
**Weighted Assessment 2**

Name: _____ (  )

Class: Pri 3 _____

| MARKS | /20 |
|---|---|

Date: 27 April 2022

Parent's Signature: _____

**Section A (6 × 2 marks)**

For each question from 1 to 6, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Write your answer in the brackets provided.

1 Which observation correctly matches the characteristic of living things?

| | Observation | Characteristic |
|---|---|---|
| (1) | A frog lays eggs. | Living things can grow. |
| (2) | A caterpillar changes into a butterfly. | Living things need air, food and water. |
| (3) | A boy moves his foot away from a sharp object he had stepped on. | Living things can reproduce. |
| (4) | A monkey swings from tree to tree. | Living things can move on its own. |

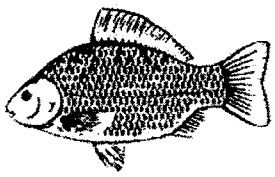
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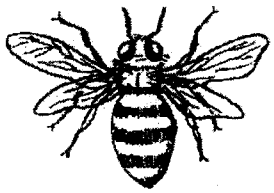
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2 The diagrams below show two animals.



fish



insect

Which is a common characteristic of a fish and an insect?

(1) Both lay eggs.

(2) Both have six legs.

(3) Both live on land only.

(4) Both have scales on their body. ( )

3 The table below shows the characteristics of two groups of animals.
A tick (✓) represents that the animal has the characteristic.

| Characteristics | Group S | Group T |
|---|---|---|
| **lives in water only** | | ✓ |
| **has dry skin** | ✓ | |
| **reproduces by laying eggs** | ✓ | ✓ |
| **has scales** | ✓ | ✓ |

Which of the following best represents Groups S and T?

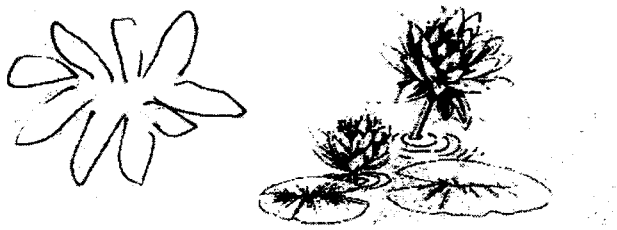
| | Group S | Group T |
|---|---|---|
| (1) | bat | whale |
| (2) | crocodile | goldfish |
| (3) | whale | crocodile |
| (4) | crocodile | bat |

( )



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4 The diagram below shows a plant found in a pond.



Which set of characteristics below best represents the above plant?

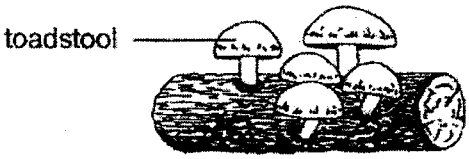
| | Characteristics | | |
|---|---|---|---|
| | has flower | makes its own food | grows on land |
| (1) | ✓ | ✓ | ✓ |
| (2) | | ✓ | |
| (3) | ✓ | ✓ | |
| (4) | | | ✓ |

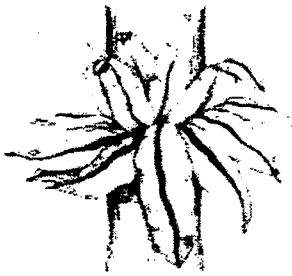
(  )



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5 Study the diagrams.



bird's nest fern

Which statement(s) about the living things is/are **not** correct?

A Both have flowers.

B Both reproduce from spores.

C Both cannot make their own food.

(1) B only

(2) C only

(3) A and B only

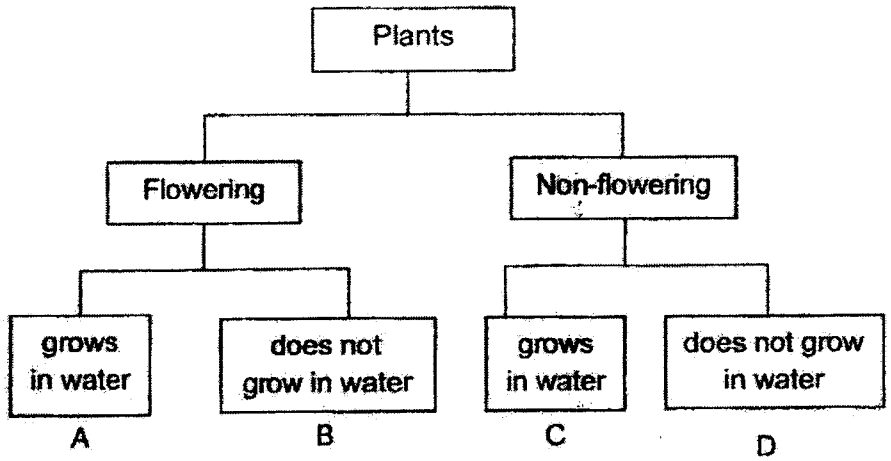
(4) A and C only ( )



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6 The table below contains some information on two plants X and Y.

| Characteristics | Plant X | Plant Y |
|---|---|---|
| bears flowers | ✓ | |
| grows on land | | ✓ |




From the information given in the table above, where would you classify plants X and Y in the diagram?

| | Plant X | Plant Y |
|---|---|---|
| (1) | A | C |
| (2) | A | D |
| (3) | B | C |
| (4) | B | D |

(  )

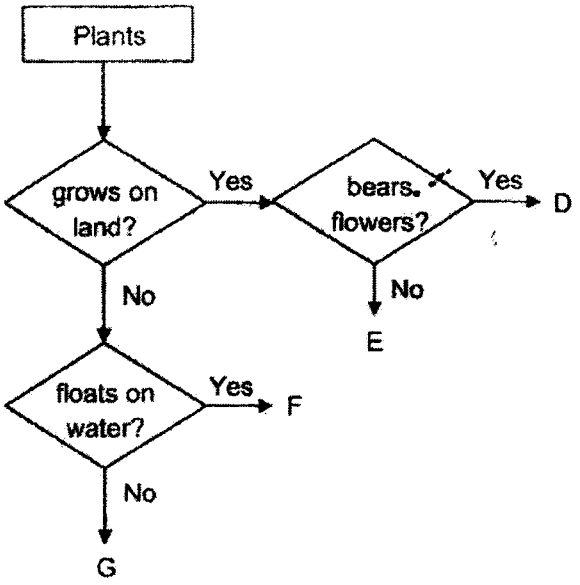


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**Section B (8 marks)**

For questions 7 to 9, write your answers in this space provided.
The number of marks available is shown in brackets [ ] at the end of each question or part question. (8 marks)

7 Study the diagram.




(a) State a similarity between plants F and G. [1]

_____

_____

(b) State a difference between plants D and E. [1]

_____

_____

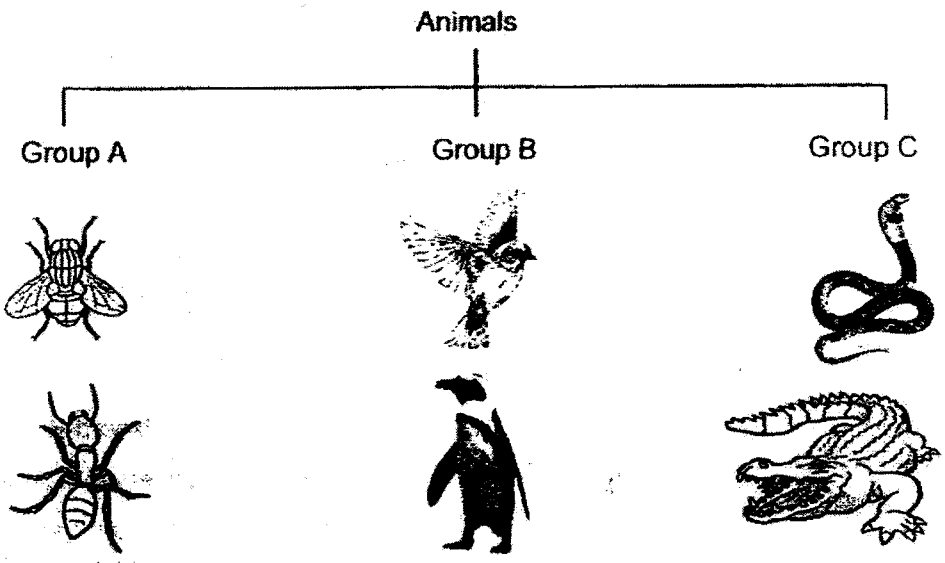
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| SCORE | 2 |
|---|---|



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8 Study the groups of animals.




(a) Name the group of animals for Group A and Group B. [1]

Group A: _____

Group B: _____

(b) Based on the diagram, state one main characteristic of the animals in Group C that is **not** a characteristic of animals in Groups A and B. [1]

_____

_____

(c) Write "T" for true and "F" for false in the boxes. [2]

| | | |
|---|---|---|
| i. | Birds are the only animals with feathers. | |
| ii. | Amphibians live on land. | |
| iii. | Mammals produce milk for their young. | |
| iv. | Only insects lay eggs. | |

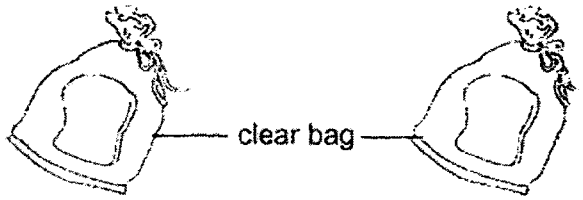
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| SCORE | 4 |
|---|---|



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9 Amanda carried out an experiment using two pieces of bread A and B. They were placed on a table in the same room.




bread A (dry)

bread B (sprinkled with water)

She recorded her observations for 7 days in the table below.

| Day | bread A | bread B |
|---|---|---|
| 2 | no observable change | no observable change |
| 4 | no observable change | a few dark spots |
| 7 | no observable change | more dark spots |

She observed that the dark spots on bread B were mould.

(a) Which group of living things does mould belong to? [1]

(b) What should Amanda keep the same in this experiment? Put a tick (✓) in the correct box. [1]

| | Tick (✓) |
|---|---|
| **type of bread** | |
| **presence of water** | |
| **type of clear bag** | |

| SCORE | 2 |
|---|---|

**End of Paper**



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# ANSWER KEY

YEAR : 2022
LEVEL : PRIMARY 3
SCHOOL : CATHOLIC HIGH SCHOOL (PRIMARY)
SUBJECT : SCIENCE
TERM : WA2

## BOOKLET A

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Q1 | 4 | Q2 | 1 | Q3 | 2 | Q4 | 3 | Q5 | 4 |
| Q6 | 2 | | | | | | | | |

## BOOKLET B

| | |
|---|---|
| Q7a) | They both do not grow on land. |
| Q7b) | Plant D bears flowers while plant E does not bear flowers. |
| Q8a) | Group A: Insects<br>Group B: Birds |
| Q8b) | Group C has dry skin with scales. |
| Q8c) | i) T<br>ii) F<br>iii) T<br>iv) F |
| Q9a) | Fungi |
| Q9b) | |

| | Tick (✓) |
|---|---|
| Type of bread | ✓ |
| Presence of water | |
| Type of clear bag | ✓ |

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